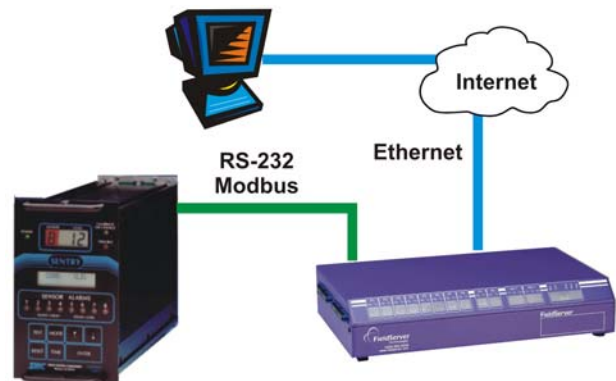


*The Sentry Gas Risk Management System offers a cost-effective solution for a graphical based display of Sentry data using a web browser and the Sentry WebServer option.*

Sierra Monitor Corporation offers a wide range of choices for data output from Sentry Gas Monitoring systems. In some cases a simple printer output of gas conditions, calibration confirmations and alarms is satisfactory to meet due diligence requirements. In large plant-wide monitoring situations the Modbus serial communications output is used to interface to existing or new GUI programs that might include information from other safety and process systems in the plant. But for most applications the solution lies between these two choices.

To meet that need Sierra Monitor Corporation offers the Sentry WebServer. Sentry WebServer captures the imagination of safety managers and instrumentation engineers by combining the power and flexibility of the Sentry Gas Risk Management System with the interoperability strength of the FieldServer WebServer from FieldServer Technologies. The reliability of a proven gas detection system is combined with the modern technology of the web.

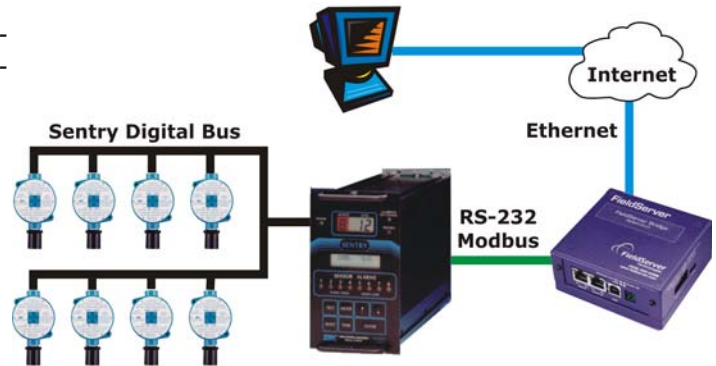
The WebServer provides a cost-effective, easy-to-use graphical display of hazardous gas conditions using the universally available Microsoft™ web-browser. It is no longer necessary to search separately for a gas detection system that might have a serial output and then search for a suitable graphical user interface package that might work with that system and then have to learn how to configure and use the package or hire a consultant to do the work. Now, a single source supplier, Sierra Monitor, can provide the entire solution with a fully integrated system.



- Safety data presented visually on any PC of your choice located anywhere in the plant or even remotely
- Complete interaction with the hazardous gas detection system through a familiar web browser and no requirement to learn a new GUI program
- Ability to web-browse to system data from your LAN, WAN or over the Internet
- Easy to configure graphical color changes are displayed as events
- All your current alarms dynamically displayed and updated on a single web page
- An event log provides easy access to history for due diligence
- Cost-effective system includes the ActiveX tools to configure using FrontPage from Microsoft
- The full system available from a single supplier with an outstanding reputation for before and after sales technical support

The WebServer package includes a Sentry display pre-configured for a web browser enabling the user to operate the Sentry system remotely from any PC connected to the Ethernet! Imagine having the ability to manage your plant-wide gas risk management system from anywhere in the plant! Imagine having password protected access to your primary gas safety monitoring system from the control room, the safety manager's office, or remotely!

Sierra Monitor's Sentry Gas Risk Management System has always been a leader in data handling for hazardous gas monitoring systems for over 15 years. **First** with digital 2-way communication bus from sensors to controller, **first** with serial Modbus communication output for plant-wide systems, **first** with the ability to interface to other sensors and devices and now **first** to offer a cost-effective web-based graphical system for monitoring plant-wide hazardous gas conditions.



**How it Works**

All of the data available from the Sentry Modbus serial communications link interfaces to the FieldServer via an RS-232 link. The FieldServer contains the software and interoperability features to convert that information into a graphical display package that can be viewed by Microsoft Internet Explorer browser. Standard introductory screens are provided free with the system to enable the user to quickly start operating. With the WebServer option the user receives the FieldServer, configuration software and the ActiveX tools necessary to modify the provided display or create their own graphical display. These simple tools along with an already familiar web browser means that the user does not need to endure the cost of learning a new program and hiring an integrator to develop the system. The system can easily be designed to meet your specific graphical and user interface needs using FrontPage from Microsoft. Also, Sierra Monitor can provide graphical design and development service if desired.

The standard WebServer package includes an initial "home" screen, one graphical "zone" screen, a tabular "zone" screen, and alarms screen plus an event log screen. The user can then modify the Home screen and Zone screens to meet their specific needs or add additional screens using Microsoft FrontPage. Examples of these screens are seen below. The Alarms page contains all active alarms and notes whether or not they have been acknowledged. The Event Log page notes all events (alarms and change of states) that have occurred over a recent period of time.

**Ordering Information**

- 5391-01 Sentry WebServer, 1 Sentry Controller
- 5391-02 Sentry WebServer, 2+ Sentry Controllers

For more information about the Sierra Monitor Sentry system visit [www.sierramonitor.com](http://www.sierramonitor.com).

**Active Alarms**

State	Tag	Value	Units	Sentry Channel
Warning	METHANE1	32.1	Units=%LEL	55.9
ALARM	PROPANE1	45.2	Units=%LEL	55.6
ALARM	METHANE2	46.3	Units=%LEL	55.7

**Event Table**

LEGEND	H-New High Alarm	L-New Low Alarm	C-New Bad Channel/Comm Alarm
	b-High Alarm	l-Low Alarm	c-Comm Alarm
	D-Delta Alarm	U-Exceeds User Specified Threshold	N-Return to normal event

Event Table Data:

Time	1	2	3	4	5	6	7	8
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:11:46 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	116.2	46.2	45.3	0.1	
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:10:43 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	115.0	46.2	42.5	0.1	
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:10:41 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	114.2	46.2	42.1	0.1	
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:10:36 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	112.3	46.2	41.3	0.1	
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:10:31 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	111.1	46.2	40.8	0.1	
SENTRY--55 KEY EVENT REPORT Mon Feb 24 08:10:26 2003	1	2	3	4	5	6	7	8
0.0	0.1	0.0	0.4	112.3	46.2	43.3	0.1	

